



Message from the Immediate Past President



Dear Members,

It was a great honor and privilege to serve, as President, from March 2019 till March 2021 for our esteemed association, which is having over 700 members. I would like to express my profound gratitude and appreciation to all those who helped me to make progress in the association during my tenure as President. Mr Manoj Mittal, was a terrific predecessor to me from whom I took over the Presidency. He raised the bar for the association during his tenure and

I had the challenge to maintain the status in my term. Incidentally he is also the successor to take over the reins of Presidency from me now.

Unfortunately, 2 years of my Presidency was extremely challenging. Firstly, in my first year of Presidency, I had to go through the worst trauma any human being can ever experience, when I lost my only daughter in a road accident, in September 2019. This was rude shock for me and my family and was emotionally devastating. It took quite some time for me to recover. The support from the IAStructE secretariat, Office bearers of IAStructE and other GC members in this period of transition was extraordinary and I take this opportunity to thank all of them.

I was hoping that my second year of Presidency will be better, but unfortunately this did not happen. From March 2020, it was a devastating period for everyone, full of stress and anxiety due to COVID-19 pandemic. Huge challenges had to be accepted and dealt with! But thanks again to our incredible secretariat and committed GC members. The association bounced back very fast and initiated on-line webinars, panel discussions, refresher courses and training courses within 3 weeks from the start of the lock down period. By the time my term came to an end in March 2021, we had organized huge number of technical events. Not only did the association bounced back to normalcy, it exceed the level of performance pre-covid period and increased visibility of the association significantly.

We now have a new governing council with Mr Manoj Mittal in the helm of affairs, as our new President. I wish to convey my best wishes to the new team under the leadership of Mr Mittal. I convey my whole-hearted support to this new team.

With best wishes & Warm Regards

Alok Bhowmick

Message from the President



Dear Fellow Structural Engineers,

It is a matter of great honour for me to take over as president of IAStructE for the term 2021-23. It is furthermore significant because I served in this capacity during 2017-2019 as well. During 2019-21 Mr. Alok Bhowmick led the association as president and set the new benchmarks for performance. Incidentally during 2017-19 he worked with me as Honorary Secretary. He provided exceptional support during that tenure. I am fortunate that now I will be getting his support as immediate Past president. All our past presidents were visionary, and they very carefully & steadily guided the association in its formative years.

IAStructE is continuously on a growing path. Its reach and impact both are increasing with time. IAStructE's technical events are known for rich technical contents and engineers look forward to them for knowledge upgradation. IAStructE's membership is selective but not restrictive. We are running from our own premises in New Delhi. In the last few years, we have been able to publish some good code commentaries and guidelines. Structural Engineering Digest (SED) and Newsletters are being published regularly. IAStructE is very actively contributing in the preparation & revisions of national standards in the area of civil & structural engineering. Our Governing council members are well established structural engineering professionals who are dedicated for the objectives of the association. Our aim now shall be to establish IAStructE as a world class, truly Pan India learned society of structural engineers in India. To make it lively, participatory, and vibrant body support and contribution of all members is utmost important.

I request all members to participate actively in association's activities. You must motivate and recommend structural engineers known to you for membership. Suggest ways and means to make IAStructE more visible, meaningful, and impactful in your region. Indicate your interests and initiatives you want to take to further the cause of structural engineers. We shall be happy to support them. Feel free to reach out to me or any office bearer of the association.

Looking forward to your active participation,

Manoj Kumar Mittal

President-IAStructE [2021-23]

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17th Annual General Meeting

The 17th Annual General Meeting of Indian Association of Structural Engineers was held on 25th March 2021 online through Zoom app. During which the Annual Report for the FY 2019-20 and Audited Account for the year ended 31st March 2020 were adopted. Auditors for the ensuing year 2020-21 were also appointed. During the 17th Annual General Meeting, Mr Manoj Mittal,

Civil/Structural Engineering Consultant, Shelter Consulting Engineers, NOIDA was unanimously elected as the new President of IAStructE. The new elected Governing Council was also installed for the term 2021-23. President was authorised to choose the remaining office bearers. New Governing Council is as under:

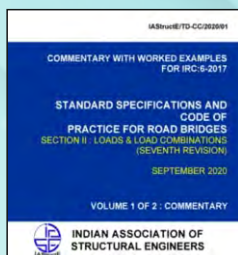
President			Mr Manoj Mittal	Civil / Structural Engineering Consultant, Shelter Consulting Engineers	Noida
Immediate Past President			Mr Alok Bhowmick	Managing Director B&S Engg. Consultants Pvt. Ltd	Noida
Permanent GC Member			Mr Mahendra Raj	Founder President, IAStructE Mg. Director, Mahendra Raj Consultants Pvt. Ltd.	Delhi
Members					
1	F-165	Dr.	Abhay Gupta	Director, Skeleton Consultants Pvt. Ltd.	Noida
2	M-228	Dr.(Ms)	Anal Sheth	Head - Research and Development, FUJI Silvertch Concrete Pvt. Ltd.	Ahmedabad
3	M-240	Ms.	Anamika Kadam	DGM (Civil) Larsen & Toubro Construction Pvt. Ltd.	Faridabad
4	F-054	Mr.	B. S. C. Rao	Former Executive Director Bangalore Mass Rapid Transit Ltd. (BMRCL)	Bangalore
5	F-208	Dr.	Dulal Goldar	Principal (Retd.), Delhi College of Engineering	Delhi
6	F-311	Dr.	Gaurav Rastogi	Managing Director, Ethereal Engineers Pvt. Ltd. Proprietor, Gaurav & Associates	Meerut (UP)
7	F-042	Dr.	Kalyan Kumar Ganguly	Advisor to Development Consultants Pvt. Ltd. (DCPL)	Kolkata
8	F-147	Prof.	Mahesh Tandon	Managing Director, Tandon Consultants Pvt. Ltd	Delhi
9	M-192	Prof.	Mainak Ghosal	Joint Secretary Coal Ash Institute of India & Structural Consultant	Nadia (WB)
10	F-032	Mr.	Narendra Savarkar	Proprietor, N S Savarkar & Associates	Pune
11	F-356	Dr.	Pradeep Kumar Ramancharla	Professor, IIIT Hyderabad	Hyderabad
12	F-445	Mr.	Raj Kumar Kacharla	Partner / Director, Dhrumataru Consultants,	Hyderabad
13	F-393	Mr.	Rajiv Ahuja	Independent Consultant (Highway & Bridges)	Gurgaon
14	F-403	Mr.	Sandeep Pattiwar	Co-founder, TANGENT Technical Solutions & Tech TANGENT Solutions Private Limited	Thane (W)
15	F-012	Ms.	Sangeeta Wij	Managing Partner, SD Engineering Consultants	Delhi
16	M-252	Dr.(Ms)	Shilpa Pal	Associate Professor - Dept. of Civil Engineering Delhi Technological University	Delhi
17	F-068	Dr.	Sushil Kumar Dhawan	Former Chief Engineer, CPWD	Delhi
18	M-191	Dr.(Ms)	T. Visalakshi	Professor, Mahindra University	Hyderabad
19	F-391	Mr.	Umesh Rajeshirke	Managing Director Spectrum Techno Consultants Pvt. Ltd.	Navi Mumbai
20	F-347	Mr.	Vinay Gupta	Director & CEO, M/S Tandon Consultants Pvt Ltd	Delhi
21	F-022	Mr.	Vipul Ahuja	CEO & Director, Ahuja Consultants P Ltd,	Delhi

IAStructE New Publications

As you are aware that IAStructE is undertaking the task of preparing the professional documents and the commentary of various BIS and IRC codes, so that the practicing structural engineers can understand the code better and comply with the requirements of the code with confidence. Under this activity the IAStructE has published the following documents:

1. Commentary with Worked Examples for IRC:6-2017 :

IAStructE is pleased to announce publication of Commentary with Worked Examples for IRC:6-2017, the IRC code for Loads & Load Combinations for design of Highway Bridges. The commentary and the Illustrative worked examples are printed in two separate volumes. Volume-1 of 2 pertains to the Commentary while Volume-2 of 2 pertains to Illustrative Worked Examples, which has 48 worked examples demonstrating application of various codal clauses.

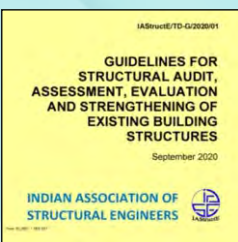


The documents are now available for sale @ Rs 1200/- for Volume 1, and @ Rs 800/- for Volume II. Members of IAStructE and IRC will be entitled for a discount of 10% on this amount. Interested professionals who wish to purchase the commentary may kindly register with the following link or contact IAStructE Secretariat at iastructe@gmail.com:

Registration link: <http://iastructe.co.in/new-iastructe-publication.php>.

2. Guidelines for Structural Audit, Assessment, Evaluation and Strengthening of Existing buildings Structures :

IAStructE has published this document to guide structural engineers in proper assessment of building structures before issuing structural stability certificate. This guideline may be used



by IAStructE members, all other structural engineers, house owners, housing society welfare associations, clients and corporation engineers for structural audit of the private and public building structures. The Guideline focuses on the urgent need to strengthen risk resilience of buildings from any kind of risks due to earthquake and other hazards. It is hoped that this document will be useful to ensure that all structures across the country remain safe from any kind of disaster risk. It's a priced document and hence not freely downloadable. However one can read the document by following the link. <http://www.iastructe.co.in/guidelines-for-structural-audit/>

The price of this e-document is Rs 200/-. Interested professionals who wish to obtain the soft version of the Guideline in pdf format, may register with the following link. Registration Link: <http://iastructe.co.in/guidelines-for-structural-audit.php>

3. Clause wise Commentary on IS:13920 :

This document has been finalised after wide ranging consultations & debate amongst civil & structural engineering fraternity. A workshop was also organised to discuss and debate various comments received from engineers. The Commentary has already been sent to the Bureau of Indian Standards for further action. The commentary is available on www.iastructe.co.in under IAStructE Professional Documents. IAStructE member can access this document after login.



4. Clause wise Commentary on IS:1893 Part 1:

This document has been finalized with the contribution of many members of the association. The Commentary has already been sent to the Bureau of Indian Standards for further action. The commentary is available on www.iastructe.co.in under IAStructE Professional Documents. IAStructE member can access this document after login.

Call for Papers for Theme based issues of SED Journal

SED Editorial Board invites article contributions for the forthcoming issues of the Structural Engineering Digest on the following Themes, which shall be published in E-Book Format. Details are as under:

Issue : January – March 2021
 Guest Editor : Mr. Rajiv Ahuja
 Theme : Bridge Foundations

This issue is under designing and shall be published shortly.

Issue : April - June 2021
 Guest Editor : Dr KG Bhatia
 Theme : Machine Foundation

Interested professionals may send the abstract along with their photograph and brief resume

by 15th April 2021 and full paper by the end of April 2021.

Articles are invited from i) Members of IAStructE; ii) Specialists in the field even though they are not members of IAStructE.

Interested authors/ contributors may kindly mail to iastructe@gmail.com regarding i) Broad guidelines on areas of coverage; ii) size of the article; iii) format of paper submission; iv) the dates for submission of the abstract and Full paper.

As per the laid down procedures all the papers shall be sent to the referee for review and the comments will be informed to the authors for incorporating the same. Papers shall be published after peer review & approval of SED editorial board.

Webinars Conducted

1. A Webinar on "True Story Behind Morandi Bridge Collapse" by Prof. (Dr.) Gian Michele Calvi, Professor, IUSS, Scuola Universitaria Superiore, Pavia, & Director, Studio Calvi srl, Pavia organized on 05 March 2021 through ZOOM. Mr Alok Bhowmick, President IAStructE was the Moderator. The Panelists were Prof Mahesh Tandon, Mr Amitabha Ghoshal and Dr Harshavardhan Subbarao. The recording can be seen at: <https://youtu.be/2-9wqVcgaw>.



2. A Webinar on "The Beauty of Structures" by Mr. Knut Stockhusen, Partner at schlaich bergemann partner (sbp) organized on 09 March 2021 through ZOOM. Prof Mahesh Tandon, Past President & GC member IAStructE was the Moderator. The Panelists were Mr Alok Bhowmick, Prof. (Dr.) Mike

Schlaich, Mr. V. N. Heggade and Dr. T. Visalakshi. The recording can be seen at: <https://youtu.be/IYJvdBukAQ>



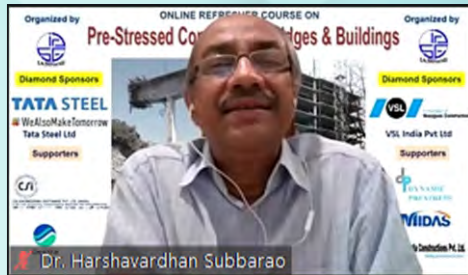
3. A Webinar on "Net Zero Carbon 2050: Act Right Now" by Mr. Vijay Kulkarni, Past President, Indian Concrete Institute (ICI) & Partner-Midas Techfin Consultants LLP organized on 23rd March 2021 through ZOOM. Mr. Manoj Mittal, Past President & GC member-IAStructE was the moderator and Mr Alok Bhowmick was the Panelist. The recording can be seen at: <https://youtu.be/NnsQRaXSKbw>.



Ongoing Refresher Course

IAStructE is organizing an Online Refresher Course on "Pre-Stressed Concrete for Bridges and Buildings", which was launched on 20th March, 2021 and will continue till 01 May, 2021. The lectures are being organized on every Saturday from 02:30 p.m. to 06:30 p.m. (IST). Mr. V. N. Heggade, Fellow IAStructE and CEO, STUP Consultants Pvt. Ltd. is the Course Coordinator. The eminent experts from the field have

been invited for making the presentations. The Course was Sponsored by VSL India Pvt. Ltd., Tata Steel Ltd, CSI Engineering Software Pvt. Ltd., Dextra India Pvt. Ltd., Dynamic Prestress India Pvt. Ltd., Midas Research and Development Centre India Private Limited, S. P. Singla Construction Pvt. Ltd. The two sessions were organized on 20th March, 2021 and 27th March, 2021. The speakers were:



Dr. Harshavardhan Subbarao, CMD, Construma Consultancy Pvt. Ltd.



Mr. Vipul Ahuja, Director & CEO, Ahuja Consultants Pvt. Ltd.



Mr. Vinay Gupta, Director & CEO, Tandon Consultants Pvt. Ltd.



Mr. D. Ragounadin, General Manager - Technical, VSL India Pvt. Ltd.



Mr. Umesh Rajeshirke, MD, Spectrum Techno Consultants Pvt. Ltd.



Mr. V. N. Heggade, CEO, STUP Consultants Pvt. Ltd.



Mr. Max Meyer, Pr. Consultant, Rui-Feng International Pte. Ltd., Singapore



Mr. Shishir Desai, Head - Technology Group, TATA Steel Ltd.



Mr. B. Sivakumar, Technical Manager, VSL India Pvt Ltd.



Mr. Alok Bhowmick, Immediate Past President, IAStructE

Forthcoming Webinar

IAStructE is organizing a Webinar on "Seismic Base Isolation in Turkey : Design, Application and its Spread" by Mr. Yusuf Zahit Gündoğdu, President & CEO, Fuji Engineering, Turkey and Mr. Uğurcan Özcamur, General Manager, TIS Technological Isolation Systems, Turkey on 08 April 2021 at 03:00 PM (IST) through ZOOM. Mr. Alok Bhowmick, Immediate Past President IAStructE will be the Moderator. Interested professionals may register through the following link:

https://us02web.zoom.us/webinar/register/WN_fAUtNQZkRAyMX-4gihw9hQ

Members Achievement

Er. Dr. Abhay Gupta, GC Member of IAStructE & Director, Skeleton Consultants Pvt Ltd Noida, has been felicitated by Indian Concrete Institute for their project "351-feet high Lord Shiva Statue at Nathdwara, near Udaipur", adjudged as "Innovative application of Special concrete" during 28th ICI award ceremony held at Bangalore on 16th March 2021.

About IAStructE

Indian Association of Structural Engineers (IAStructE) is the national apex body of structural engineers in India established with the objective to cater to the overall professional needs of structural engineers. The association has become the source of expertise and information concerning all issues that involve structural engineering and public safety within the built environment. It has no commercial aim or objective. IAStructE is purely a professional learned society with the prime objective of supporting and protecting the profession of structural engineering by upholding professional standards and acting as a mouthpiece for structural engineers. IAStructE endeavors to ensure that its members develop the necessary skill in structural engineering and work to the highest standards by maintaining a commitment to professional ethics and standards within structural engineering. IAStructE strives for continued technical excellence; advancing safety and innovation across the built environment. It also strives to make available to the Government, Public Sector and Private Sector - a credible source of well qualified and experienced Structural Engineers. A nationwide database of Structural Engineers has been compiled and is being constantly updated. IAStructE undertakes a broad

range of technical activities which are aimed at information sharing and capacity building. The association provides opportunity for all the members to develop various skills in structural engineering and helps members to be at the forefront of structural engineering practice. Towards achievement of its aims and objectives, IAStructE is engaged in organizing the following: CPD Courses for Professionals at all levels Refresher Courses for Fresh Graduate Engineers, Student's orientation program, Seminars/ Workshops, Technical Lectures by Experts, Technical Discussions on Contentious Issues. IAStructE is currently operating from four regional centers. These regional centres located in the Eastern, Western, Northern and Southern parts of the country effectively cater to the professional needs of members residing/practicing all over the country.

How to become a member ?

Membership form and details are available at <http://www.iastructe.co.in/membership-form.html>; For membership information and other details contact the Indian Association of Structural Engineers Secretariat.

IAStructE Membership Benefits

Membership of IAStructE is a sought after professional accreditation. Your membership of IAStructE can help you enhance your intellectual, academic, technical and professional status. It provides inter connectivity to the fellow professionals and the fraternity. Some of the benefits of membership is provided below:

- Complimentary magazine subscription : All members (except Student Members) receive a complimentary subscription to the Institution's flagship publication 'Structural Engineering Digest' (SED). Published quarterly, each issue allows members to remain connected to the association through the provision of technical papers, Industry and Institution News, Featured articles, Professional Guidance on everyday matters affecting the practicing structural engineers. [Released]
- Access to all Technical Lectures, organized every month, at no charge.
- Access to Technical Discussions held regularly.
- Access to the association's library (Including e-library)
- Discounts in attending Seminars and Workshops organized by the association
- Full on-line access to the current volume and entire e-archive of journal "Structural Engineering Digest (SED)", Refresher Course Materials, Technical Lectures E-Newsletters and other Technical Resources of the Association.
- Opportunity to network with professional structural engineers of eminence and to meet potential employers in the association.
- Opportunities for professional development.



Indian Association of Structural Engineers

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